ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ವಲಯ

ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ

ಕಾಮಗಾರಿ ಹೆಸರು : **Detailed Estimate for the Work of Construction of 2nd floor Samudaya Bhavana at Maruthi Nagar in Ward No. 8 Kodigehalli sub Division.**

ಅಂದಾಜು ಮೊತ್ತ : 19.81 ಲಕ್ಷಗಳು

ಜಾಬ್ ಕೋಡ್ :

17

ತಾಂತ್ರಿಕ ವರದಿ

ಕಾಮಗಾರಿ ಹೆಸರು :	**Construction of 2nd Floor Samudaya Bhavana at Maruthi Nagara at in ward No. 8 Kodigehalli Sub Division**
ಅಂದಾಜು ಮೊತ್ತ :	**19.81 Lakhs**
ಜಾಬ್ ಕೋಡ್ :	

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ಯಲಹಂಕ ವಲಯ, ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ, ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗದ ವಾರ್ಡ್ ನಂ. 8ರ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸುವುದು ಸಾರ್ವಜನಿಕರ ಹಿತದೃಷ್ಟಿಯಿಂದ ಸ್ಥಳೀಯ ನಾಗರೀಕರ ಮತ್ತು ಸ್ಥಳೀಯ ಮಹಾನಗರ ಪಾಲಿಕೆ ಸದಸ್ಯರ ಕೊರಿಕೆಯಂತೆ ಅವಶ್ಯಕವಾಗಿರುತ್ತದೆ. ಸದರಿ ವಾರ್ಡ್ ತುಂಬಾ ಹಿಂದುಳಿದಿರುವುದರಿಂದ ಈ ವಾರ್ಡ್‌ನಲ್ಲಿ ಬಡತನ ರೇಖೆಗಿಂತ ಕೆಳಗೆ ಇರುವವರ ಸಂಖ್ಯೆ ಹೆಚ್ಚಿದ್ದು, ಅದರಂತೆ ಶುಭ-ಸಮಾರಂಭಗಳಿಗೆ ಅನುಕೂಲವಾಗುವಂತೆ ಸಮುದಾಯ ಭವನದ ಅವಶ್ಯಕತೆ ಇರುತ್ತದೆ. ಈಗಾಗಲೇ ಸಮುದಾಯಭವನವು ಮೇಲ್ಛಾವಣಿ ಹಾಕಿದ್ದು ಇನ್ನೂ ಮುಂಬರುವ ಮೊದಲನೆ ಮಹಡಿ ಮತ್ತು 2ನೇ ಮಹಡಿಗೆ ಅವಶ್ಯವಿರುವಂತೆ ಪಾಲಿಕೆ ಸದಸ್ಯರು ಕೋರಿರುವ ಮೇರೆಗೆ ಖುದ್ದಾಗಿ ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ, ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಪಟ್ಟಿಯಲ್ಲಿ ಸೇರ್ಪಡೆಯಾಗಿ ಅನುಮೋದನೆಗೊಂಡು ಜಾಬ್ ಸಂಖ್ಯೆ : ಪಡೆಯಲಾಗಿದೆ.

ಕಾಮಗಾರಿ ನಿರ್ವಹಿಸಲು ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಅಳವಡಿಸಿ ಲೊಕೋಪಯೋಗಿ ಇಲಾಖೆಯ ದರಪಟ್ಟಿಯ ಆದಾರದ ಮೇಲೆ ರೂ. 19.81/- ಗಳಿಗೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿದೆ.

1. CC 1:1.5:3 Colums Lintal, Tie beam and roof
2. TMT Steel
3. Shuttering for colums Lintal, Tie beam and roof
4. Solid black wall
5. Inside and outside plastering
6. Inside and outside Painting
7. Steel Doors, Windows and Ventilators
8. Collapsable gate
9. Starcase grill, etc.

ಈ ಮೇಲಿನ ಎಲ್ಲಾ ಅಂಶಗಳ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಅವಶ್ಯಕವಾಗಿರುವುದರಿಂದ ರೂ. 19.81/- ಲಕ್ಷ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹಾಗೂ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಕೋರಿ ಕಡತ ಮಂಡಿಸಿದೆ.

ಕಿರಿಯ / ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು - 92.

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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 19.81Lakhs

Name of Work: Detailed Estimate for the Work of Construction of 2nd floor Samudaya Bhavana at Maruti Nagar in Ward No. 8 Kodigehalli sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	Sqm							
	First Floor:- Columns		10	1.50		3.00	45.00	246.98	**11114.10**
	Basic Rate	230.00							
	Lift Charges For First Floor	3.00							
		233.00							
	Area Weightage @ 6%	13.98							
	Total	**246.98**							
	2nd Floor : Colums		8	1.50		3.00	36.00	250.16	9005.76
	Basic Rate	230.00							
	Lift Charges For 2nd Floor	6.00							
		236.00							
	Area Weightage @ 6%	14.16							
	Total	**250.16**							
2	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications.(P15/4.34)								
	First Floor:- Lintel		2	43.60		0.20	17.44		
	Tie Beams		2	43.60		0.30	26.16		
	Center Beams		3x2	6.20		1.05	39.06		
							82.66	172.78	14281.9948
	Basic Rate	160.00							
	Lift Charges For First Floor	3.00							
		163.00							
	Area Weightage @ 6%	9.78							
	Total	**172.78**							
	2nd Floor:- Lintel		2	52.30		0.20	20.92		
	Tie Beams		2	52.30		0.30	31.38		
							52.30	175.96	9202.708
	Basic Rate	160.00							
	Lift Charges For 2nd Floor	6.00							
		166.00							
	Area Weightage @ 6%	9.96							
	Total	**175.96**							

3	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/I.4.37)	Sqm							
	First Floor:- W		4	1.80	0.45		3.24		
	V		1	2.70	0.45		1.22		
	V1		2	1.80	0.45		1.62		
	Basic Rate	172.00					**4.46**	**185.50**	**826.40**
	Lift Charges For First Floor	3.00							
		175.00							
	Area Weightage @ 6%	10.50							
	Total	**185.50**							
	2nd Floor:- W		6	1.80	0.45		4.86		
	V1		2	1.80	0.45		1.62		
	Basic Rate	172.00					**6.48**	**188.68**	**1222.65**
	Lift Charges For 2nd Floor	6.00							
		178.00							
	Area Weightage @ 6%	10.68							
	Total	**188.68**							
4	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/I.4.29)	Sqm							
	First Floor:- Roof		1	15.60	6.60		102.96		
	Landing		1	2.60	1.20		3.12		
	First Flight		1	3.50	1.50		5.25		
	Second Flight		1	3.20	1.50		4.80		
							116.13	**236.38**	**27450.81**
	Basic Rate	220.00							
	Lift Charges For First Floor	3.00							
		223.00							
	Area Weightage @ 6%	13.38							
	Total	**236.38**							
	2nd Floor:- Roof		1	11.60	6.60		76.56		
							76.56	**239.56**	**18340.71**
	Basic Rate	220.00							
	Lift Charges For 2nd Floor	6.00							
		226.00							
	Area Weightage @ 6%	13.56							
	Total	**239.56**							

5	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.17)	Cum							
	First Floor:- Columns		10	0.40	0.30	3.00	3.60		
	Lintel		1	43.60	0.20	0.20	1.74		
	Tie Beams		1	43.60	0.20	0.30	2.62		
	Center Beams		3	6.20	0.30	0.45	2.51		
	Roof		1	15.60	6.60	0.15	15.44		
	Landing Slab		1	2.60	1.50	0.60	2.34		
	First Flight		1	3.50	1.50	0.15	0.79		
	Second Flight		1	3.20	1.50	0.15	0.72		
	Steps		22x1/2	1.50	0.30	0.15	0.74		
							30.51		
	Deductions (-)								
	Lintel		10	0.40	0.30	0.20	0.24		
	Tie Beam		10	0.40	0.30	0.30	0.36		
							0.60		
							29.91	**5203.54**	**155611.86**
	Basic Rate	4539.00							
	Add Diffrence in cost of cement 8.00x40.00=	320.00							
	Lift Charges For First Floor	50.00							
		4909.00							
	Area Weightage @ 6%	294.54							
	Total	**5203.54**							
	2nd Floor:- Columns		8	0.40	0.30	3.00	2.88		
	Lintel		1	52.30	0.20	0.20	2.09		
	Tie Beams		1	52.30	0.20	0.30	3.14		
	Roof		1	11.60	6.60	0.15	11.48		
							19.59		
	Deductions (-)								
	Lintel		8	0.40	0.30	0.20	0.19		
	Tie Beam		8	0.40	0.30	0.30	0.29		
							0.48		
							19.11	**5256.54**	**100473.51**
	Basic Rate	4539.00							
	Add Diffrence in cost of cement 8.00x40.00=	320.00							
	Lift Charges For 2ndt Floor	100.00							
		4959.00							
	Area Weightage @ 6%	297.54							
	Total	**5256.54**							

6	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P. 13/4.19 PWD SR - 2010-11).	Sqm							
	First Floor:- W		4	1.80	0.45		3.24		
	V		1	2.70	0.45		1.22		
	V1		2	1.80	0.45		1.62		
							6.08	392.41	**2383.90**
	Basic Rate	348.00							
	Add Diffrence in cost of cement 0.48x40.00=	19.20							
	Lift Charges For First Floor	3.00							
		370.20							
	Area Weightage @ 6%	22.21							
	Total	**392.41**							
	2nd Floor:- W		6	1.80	0.45		4.86		
	V1		2	1.80	0.45		1.62		
							6.48	395.59	**2563.44**
	Basic Rate	348.00							
	Add Diffrence in cost of cement 0.48x40.00=	19.20							
	Lift Charges For 2nd Floor	6.00							
		373.20							
	Area Weightage @ 6%	22.39							
	Total	**395.59**							
7	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries complete as per specifications. (P16\4.46)	Qntl							
	(1.10Qtl/Cum)	Qty Vide Item No 5& 6							
							54.95	5730.36	**314883.00**
	Basic Rate	5406.00							
	Area Weightage @ 6%	324.36							
	Total	**5730.36**							

8	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P24/5.27)	Cum							
	First Floor:-								
	CCL		1	43.60	..	3.00	130.80		
	Parapet		1	43.60	...	0.40	17.44		
	Starcase side wall		1	4.00	...	0.40	1.60		
							149.84		
	First Floor Deductions (-)								
	Door		1	1.50		2.10	3.15		
	Window		5	1.50		1.20	9.00		
	V		1	2.40		0.90	2.16		
	V1		2	1.50		0.90	2.70		
	Lintel		1	43.60		0.20	8.72		
	Tie Beam		1	43.60		0.30	13.08		
	Columns		10	0.30		3.00	9.00		
							47.81		
	Basic Rate	586.00					**102.03**	**627.52**	**64025.87**
	Add Diffrence in cost of cement 0.15x40.00=	6.00							
		592.00							
	Area Weightage @ 6%	35.52							
	Total	**627.52**							
	2nd Floor:-								
	CCL		1	63.50		3.00	190.50		
	Parapet		1	41.90		0.40	16.76		
	Starcase side wall		1	4.00		0.40	1.60		
							208.86		
	2nd Floor Deductions (-)								
	Door		1	1.50		2.10	3.15		
	D1		2	0.90		2.10	3.78		
	D2		2	0.75		2.10	3.15		
	Window		6	1.50		1.20	10.80		
	V		2	1.50		0.90	2.70		
	Lintel		1	52.30		0.20	10.46		
	Tie Beam		1	52.30		0.30	15.69		
	Columns		8	0.30		3.00	7.20		
							56.93		
	Basic Rate	586.00					**151.93**	**627.52**	**95339.11**
	Add Diffrence in cost of cement 0.15x40.00=	6.00							
		592.00							
	Area Weightage @ 6%	35.52							
	Total	**627.52**							

9	KSRB 14.10-1: Flooring with **25mm to 40mm thick polished tandur blue stone slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. (P.89/14.15)	Cum							
	flagging Concret for Samudaya Bhavan Allround		2	15.60	0.60	0.15	2.81		
			2	7.40	0.60	0.15	1.33		
	Stage		1	3.00	1.50	0.15	0.68		
							4.82	3769.36	**18149.00**
	Basic Rate	3380.00							
	Add Diffrence in cost of cement 4.40x40.00=	176.00							
		3556.00							
	Area Weightage @ 6%	213.36							
	Total	**3769.36**							
10	Supplying and fixing pressed steel door frames size 125x65mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made our of seasoned Honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm. width and bottom rails of 250mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manugactureing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipement and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.(P38/7.26)	Sqm							
	A) Ground Floor:- Hall		1	12.40	6.40		79.36		
	Kichan		1	6.40	3.00		0.00		
	Landing		2.60	1.50	0.60		2.34		
	1st Flight		3.50	1.50	0.15		0.00		
	2nd flight		3.20	1.50	0.15		0.00		
	Steps Threads		20	1.50	0.25		7.50		
	Raisers		22	1.50	0.15		4.95		
							94.15	753.24	**70917.00**
	Basic Rate	703.00							
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
		710.60							
	Area Weightage @ 6%	42.64							
	Total	**753.24**							
	B) First Floor:- :- Hall		1	15.40	6.40		98.56		
	Stage		1	3.00	0.15		0.45		
			2	1.50	0.15		0.45		

	Landing		2.60	1.50	0.60		2.34		
	1st Flight		3.50	1.50	0.15		0.79		
	2nd flight		3.20	1.50	0.15		0.72		
	Steps Threads		20	1.50	0.25		7.50		
	Raisers		22	1.50	0.15		4.95		
							115.76	754.83	**87377.00**
	Basic Rate	703.00							
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
	Lift Charges For First Floor	1.50							
		712.10							
	Area Weightage @ 6%	42.73							
	Total	**754.83**							
11	KSRB 7.7: Providing and fixing in position in cement concrete 1:3:6 steel galzed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Jg/m duly providing T section 19x19x3mm weighing 0.839Kg/m for glazing of windows not more than 34cms. c to c including providing and fixing 4mm. thick reeded glass to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. (P31/7.7)	**Sqm**							
	A) Ground Floor:- Doors		1	1.80		2.10	3.78		
			2	1.50		2.10	6.30		
							10.08	3286.00	**33123.00**
	Basic Rate	3100.00							
	Area Weightage @ 6%	186.00							
	Total	**3286.00**							
	B) First Floor:- Doors		1	1.80		2.10	3.78		
							3.78	3288.65	**12431.00**
	Basic Rate	3100.00							
	Lift Charges For First Floor	2.50							
		3102.50							
	Area Weightage @ 6%	186.15							
	Total	**3288.65**							
	C)2nd Floor:- Doors		1	1.50		2.10	3.15		
	D1		2	0.90		2.10	3.78		
	D2		2	0.75		2.10	3.15		
	Basic Rate	3100.00					**10.08**	**3291.30**	**33176.30**
	Lift Charges For 2nd Floor	5.00							
		3105.00							
	Area Weightage @ 6%	186.30							

	Total	3291.30							
12	KSRB 7.1: Providing and fixing in position collapsable steel shutters with single or double laf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms opeinings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P30/7.1)	Sqm							
	A) Ground Floor:- Windows		5	1.50		1.20	9.00		
	Ventilators		1	2.40		0.90	2.16		
	V1		2	1.50		0.90	2.70		
							13.86	2832.32	39256.00
	Basic Rate	2672.00							
	Area Weightage @ 6%	160.32							
	Total	2832.32							
	B) First Floor:- Windows		5	1.50		1.20	9.00		
	Ventilators		1	2.40		0.90	2.16		
	V1		2	1.50		0.90	2.70		
							13.86	2834.97	39293.00
	Basic Rate	2672.00							
	Lift Charges For First Floor	2.50							
		2674.50							
	Area Weightage @ 6%	160.47							
	Total	2834.97							
	C) 2nd Floor:- Windows		6	1.50		1.20	10.80		
	V		2	1.50		0.90	2.70		
							13.50	2837.62	38308.00
	Basic Rate	2672.00							
	Lift Charges For 2ndFloor	5.00							
		2677.00							
	Area Weightage @ 6%	160.62							
	Total	2837.62							
13	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.22)	Sqm							
	A) Ground Floor:- CG		2	2.10		2.10	8.82		
			1	1.80		2.10	3.78		
							12.60	3265.86	41150.00

	Basic Rate	3081.00							
	Area Weightage @ 6%	184.86							
	Total	**3265.86**							
	B) 2nd Floor:- CG		1	1.80		2.10	3.78		
							3.78	3270.86	**12364.00**
	Basic Rate	3081.00							
	Area Weightage @ 6%	184.86							
	Lift Charges For 2ndFloor	5.00							
	Total	**3270.86**							
14	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97/15.14)	**Sqm**							
	A) Ground Floor:- Hall		1	12.20	6.20		75.64		
	Kichan		1	6.20	2.80		17.36		
	Stair Case		2	3.20	1.50		9.60		
	Beams sides		3x2	6.20	0.45		16.74		
							119.34	125.93	**15028.00**
	Basic Rate	110.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
		118.80							
	Area Weightage @ 6%	7.13							
	Total	**125.93**							
	B) First Floor:-Hall		1	15.20	6.20		94.24		
	Stair Case		2	3.20	1.50		9.60		
	Beams sides		3x2	6.20	0.45		16.74		
							120.58	129.11	**15568.00**
	Basic Rate	110.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For First Floor	3.00							
		121.80							
	Area Weightage @ 6%	7.31							
	Total	**129.11**							
	C) 2nd Floor:-Room		2	3.00	2.80		16.80		
	Varandah		1	8.00	4.50		36.00		
	Toilets		2	1.80	1.50		5.40		
							58.20	132.29	**7699.00**
	Basic Rate	110.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For 2ndFloor	6.00							
		124.80							
	Area Weightage @ 6%	7.49							
	Total	**132.29**							

15	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33)	Sqm							
	A) Ground Floor:-Hall		2	12.20	3.90		95.16		
			2x2	6.20	3.90		96.72		
	Kichan		2	2.80	3.90		21.84		
							213.72		
	Deductions (-):- D		1	1.80	2.10		3.78		
	D1		2	1.50	2.10		6.30		
	W		5	1.50	1.20		9.00		
	V		1	2.40	0.90		2.16		
	V1		2	1.50	0.90		2.70		
							23.94		
	Basic Rate	102.00					**189.78**	**117.45**	**22289.28**
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
		110.80							
	Area Weightage @ 6%	6.65							
	Total	**117.45**							
	B) First Floor:- Hall		2	15.20	3.00		182.40		
			2	6.20	3.00		111.60		
							294.00		
	Deductions (-):- D		1	1.80	2.10		3.78		
	W		5	1.50	1.20		9.00		
	V		1	2.40	0.90		2.16		
	V1		2	1.50	0.90		2.70		
							17.64		
	Basic Rate	102.00					**276.36**	**12.51**	**3456.71**
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For First Floor	3.00							
		11.80							
	Area Weightage @ 6%	0.71							
	Total	**12.51**							
	C) 2nd Floor:- Room		2x2	3.00	3.00		36.00		
			2x2	2.80	3.00		33.60		
	Varandah		2	8.00	3.00		48.00		
			2	4.50	3.00		27.00		
	Toilets		2x2	1.80	3.00		21.60		
			2x2	1.50	3.00		18.00		
							184.20		
	Deductions (-):- D		1	1.50	2.10		3.15		
	D1		2x2	0.90	2.10		12.60		
	D2		2x2	0.75	2.10		7.56		
	W		4	1.50	1.20		7.20		
	V		2	1.50	0.90		2.70		
							33.21		
	Basic Rate	102.00					**150.99**	**15.69**	**2368.73**
	Add Diffrence in cost of cement 0.22x40.00=	8.80							

	Lift Charges For 2nd Floor	6.00							
		14.80							
	Area Weightage @ 6%	0.89							
	Total	15.69							
16	Providing wall black boards in CM 1:3 with two coats of block paint including finishing etc, complete. (P234/37.30)	Sqm							
	A) Ground Floor	Qty Vide Item No.14(A) + 15(A)					309.12	16.96	5243.00
	Basic Rate	16.00							
	Area Weightage @ 6%	0.96							
	Total	16.96							
	B) First Floor	Qty Vide Item No. 14(B) + 15(B)					396.94	20.14	7994.00
	Basic Rate	16.00							
	Lift Charges For First Floor	3.00							
		19.00							
	Area Weightage @ 6%	1.14							
	Total	20.14							
	C) 2ndFloor	Qty Vide Item No. 14(C) + 15(C)					209.19	23.32	4878.00
	Basic Rate	16.00							
	Lift Charges For 2ndFloor	6.00							
		22.00							
	Area Weightage @ 6%	1.32							
	Total	23.32							
17	KSRB15-3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97/15.11)	Sqm							
			1	15.20	6.20		94.24		
							94.24	165.15	15564.00
	Basic Rate	144.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For First Floor	3.00							
		155.80							
	Area Weightage @ 6%	9.35							
	Total	165.15							
18	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P42/8.19)	Sqm							
	A) Ground Floor:-		2	15.60	3.90		121.68		
			2	6.60	3.90		51.48		
							173.16		

	Deductions (-)W		5	1.50	1.20		9.00		
	V		1	2.40	0.90		2.16		
	V1		2	1.50	0.90		2.70		
							13.86		
	Basic Rate	91.70					159.30	106.53	**16970.23**
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
		100.50							
	Area Weightage @ 6%	6.03							
	Total	**106.53**							
	B) First Floor:-		2	15.60	3.60		112.32		
			2	6.60	3.60		47.52		
							159.84		
	Deductions (-)W		5	1.50	1.20		9.00		
	V		1	2.40	0.90		2.16		
	V1		2	1.50	0.90		2.70		
							13.86		
	Basic Rate	91.70					145.98	109.71	**16015.47**
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For First Floor	3.00							
		103.50							
	Area Weightage @ 6%	6.21							
	Total	**109.71**							
	C) 2nd Floor:-		2	11.60	3.60		83.52		
			2	6.60	3.60		47.52		
							131.04		
	Deductions (-)D		1	1.50	2.10		3.15		
	W		6	1.50	1.20		10.80		
	V		2	1.50	0.90		2.70		
							16.65		
	Basic Rate	91.70					**114.39**	112.89	12913.49
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For 2nd Floor	6.00							
		106.50							
	Area Weightage @ 6%	6.39							
	Total	**112.89**							
19	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P101/15.49)	Rmtr							
			8	10.50			84.00		
			2	7.50			15.00		
	Basic Rate	423.00					**99.00**	448.38	44389.62
	Area Weightage @ 6%	25.38							
	Total	**448.38**							

20	KSRB 15-13.3: Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (P.100/15.47.1)	Sqm							
	A) Ground Floor	Qty vide item No 16(A)					309.12	51.94	16056.00
	Basic Rate	49.00							
	Area Weightage @ 6%	2.94							
	Total	51.94							
	B) First Floor	Qty vide item No16(B)					396.94	53.00	21038.00
	Basic Rate	49.00							
	Lift Charges For First Floor	1.00							
		50.00							
	Area Weightage @ 6%	3.00							
	Total	53.00							
	C) 2nd Floor	Qty vide item No16(C)					209.19	54.06	11309.00
	Basic Rate	49.00							
	Lift Charges For 2nd Floor	2.00							
		51.00							
	Area Weightage @ 6%	3.06							
	Total	54.06							
21	KSRB 14.14-2: Providing colour glazed tiles all sizes 10mm thick for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment including cost of materials labour curing complete as per specifications. Specification No. KBS 14.15.2 (Page no. 93/Item. 14.33)	Sqm							
	A) Ground Floor		Qty Vide Item No. 18(A)				159.30	36.46	5808.72
	Basic Rate	34.40							
	Area Weightage @ 6%	2.06							
	Total	36.46							
	B) First Floor		QtyVideItem No. 18(B)				145.98	37.52	5478.00
	Basic Rate	34.40							
	Lift Charges For First Floor	1.00							
		35.40							
	Area Weightage @ 6%	2.12							
	Total	37.52							
	C) 2nd Floor		QtyVideItem No. 18(C)				114.39	38.58	4414.00
	Basic Rate	34.40							
	Lift Charges For 2nd Floor	2.00							
		36.40							
	Area Weightage @ 6%	2.18							

	Total	38.58							
22	KSRB 14.17.1 Providing skirting dado rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed rough plastered surface excluding cost of using glazed tiles of approved make and size including cost of materials Specification No. KBS 14.16, 14.17 (Page. 94/ Item.no. 14.40)	Sqm							
	Rooms		2	3.20	3.00		19.20		
	Varanda		1	8.20	4.70		38.54		
			1	3.70	1.80		6.66		
							64.40	1109.40	**71445.10**
	Basic Rate	1036.00							
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
	Lift Charges For 2nd Floor	3.00							
		1046.60							
	Area Weightage @ 6%	62.80							
	Total	**1109.40**							
23	KSRB 11-2 : Providing and fixing white vitreous china clay, water closets Orissa pattern of size 580 x 440mm with integral type footrests, 100m S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS Page No. 66/ Item No. 12.2 PWD SR 2009-10	Sqm							
	Toilet		2	1.80	1.50		5.40		
	-"-		2	1.50	1.50		4.50		
	Basic Rate	708.00					**9.90**	**761.72**	**7540.99**
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
	Lift Charges For 2nd Floor	3.00							
		718.60							
	Area Weightage @ 6%	43.12							
	Total	**761.72**							
24	KSRB 11-3: Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580m with footrests, 100 mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 Page No. 66/ Item No. 12.3 PWD SR 2009-10	Sqm							

	Toilet		2	1.80		2.10	7.56		
	-"-		2	1.80		2.10	7.56		
	-"-		2	1.50		2.10	6.30		
	-"-		2	1.50		2.10	6.30		
	Basic Rate	703.00					27.72	756.42	20967.85
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
	Lift Charges For 2nd Floor	3.00							
		713.60							
	Area Weightage @ 6%	42.82							
	Total	756.42							
26	Providing Electrification including wiring switch board etc. completed	L/S							150000.00
27	Water Supply and Sanitary Charges	L/S							120000.00
28	Providing Starcase grill Charges	L/S							100000.00
29	Miscelanious and Unforgen Charges								4294.69
									1981000.00

(Rupees Nineteen Lakh Eighty One Thousand Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2010-11
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division
Bangalore.

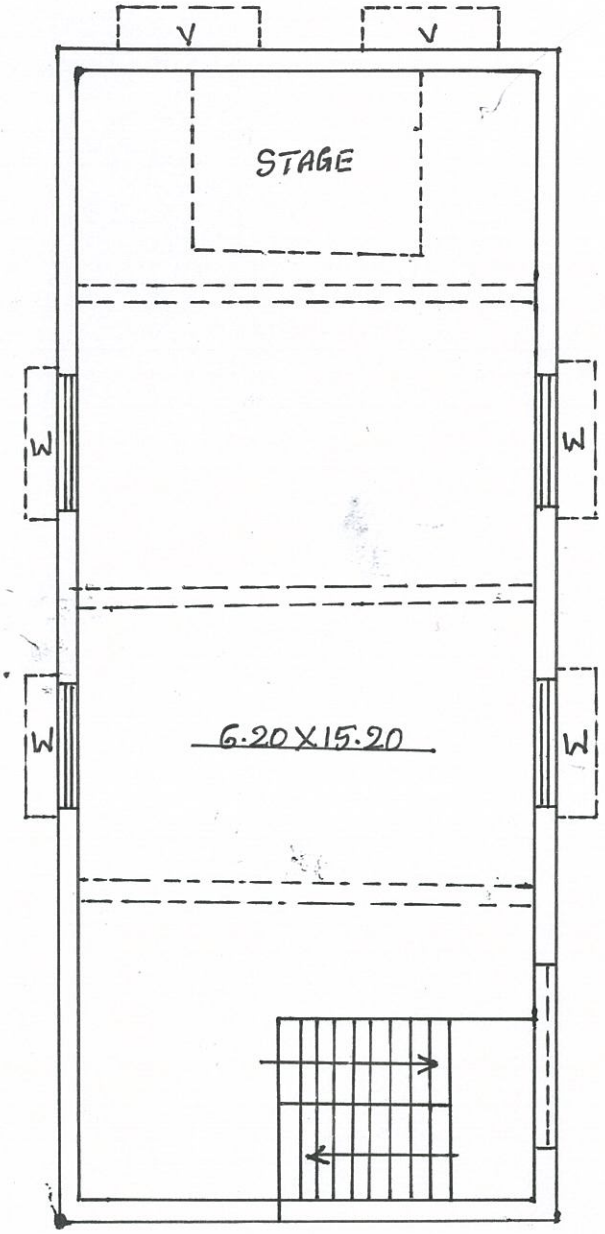
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
Bangalore-92

Administrative Sanction for Rs. 19.81 lacchs only (Rs Nineteen lacchs eighty one thousand only) is accorded under head Dem-18 per cent grants Wodel P1878 registered as DE No. DC/AA/38/11-12 subject to Conditions contained in enclosed memo No. ...../.....Dr.....

AE/JE TA SE (BTP) DE (BTP)

Technical Sanction for Rs. 19.81 lacchs only (Rs Nineteen lacchs eighty one thousand only) under Dem-18 per cent grants Wodel P1878 registered as CE No. SE/YNR/TA/43/11-12 subject to Conditions contained in enclosed memo No. ...../.....Dr. 21/07/14

AE/JE SE (BTP) CE (BTP)



FIRST FLOOR PLAN

ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್
ವ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ.
ಬೃ.ಬೆ.ಮ.ಪಾ. ಯಲಹಂಕ ವಲಯ
ಸಹಕಾರನಗರ. ಬೆಂಗಳೂರು-92.